

Product Datasheet

HSP60 Antibody - BSA Free

NBP1-89730

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-89730

HSP60 Antibody - BSA Free

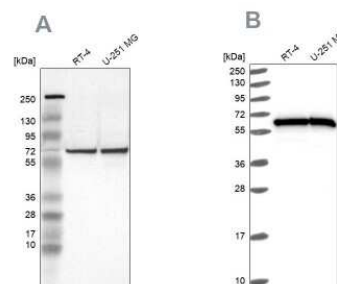
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	3329
Gene Symbol	HSPD1
Species	Human, Mouse, Rat
Marker	Mitochondria Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RVLAPHLTRAYAKDVKFGADARALMLQGVDLLADAVAVTMGPKGRTVIIQSW GSPKVTKDGVTVAKSIDLKDKYKNIGAKLVQDVANNTNEEAGDGTTTATVLARS IAKEGFEKISKGANPVEIRRGVMLAVDAVIAEL

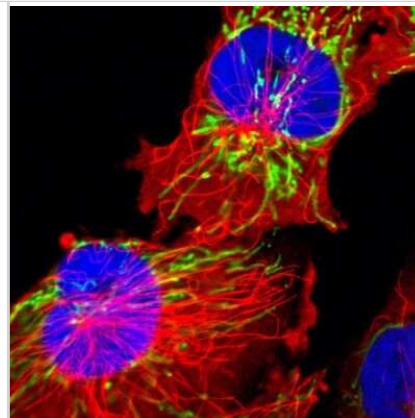
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

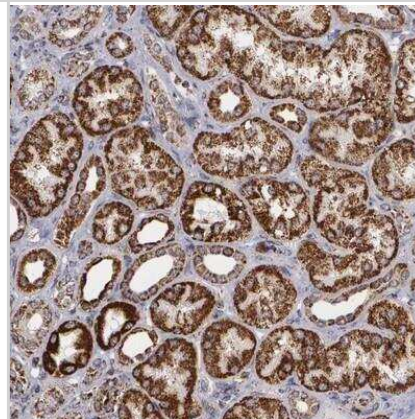
Western Blot: HSP60 Antibody [NBP1-89730] - Analysis using Anti-HSPD1 antibody NBP1-89730 (A) shows similar pattern to independent antibody NBP2-55503 (B).



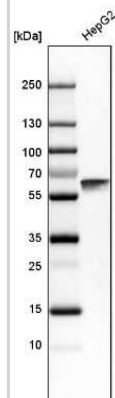
Immunocytochemistry/Immunofluorescence: HSP60 Antibody [NBP1-89730] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



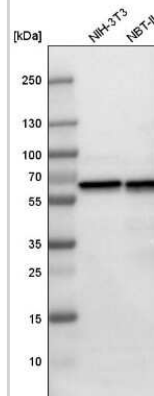
Immunohistochemistry-Paraffin: HSP60 Antibody [NBP1-89730] - Staining of human kidney shows strong cytoplasmic positivity in cells of renal tubules.



Western Blot: HSP60 Antibody [NBP1-89730] - Analysis in human cell line HepG2.



Western Blot: HSP60 Antibody [NBP1-89730] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]

Ponten F, Gry M, Fagerberg L et al. A global view of protein expression in human cells, tissues, and organs. *Mol Syst Biol* 2009-01-01 [PMID: 20029370]



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Products Related to NBP1-89730

NBP1-89730PEP	HSP60 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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